

DERWENT-ACC-NO: 1991-275463

DERWENT-WEEK: 200052

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TITLE: Roof lining material - is of spun  
bonded nonwoven polyester filaments with a fusible  
bonding agent

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; SCHOPS, M ; ZEFASS, K C

PATENT-ASSIGNEE: HOECHST AG[FARH]

PRIORITY-DATA: 1990DE-4008043 (March 14, 1990)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	
LANGUAGE		MAIN-IPC	
EP 446822 A		September 18, 1991	N/A
000	N/A		
JP 3096311 B2		October 10, 2000	N/A
004	D06N	005/00	
DE 4008043 A		September 19, 1991	N/A
000	N/A		
US 5130178 A		July 14, 1992	N/A
003	B32B	011/02	
JP 04214474 A		August 5, 1992	N/A
004	D06N	005/00	
PT 97025 A		March 31, 1993	N/A
000	D04H	003/16	
EP 446822 B1		June 7, 1995	G
005	D04H	003/16	
DE 59105638 G		July 13, 1995	N/A
000	D04H	003/16	
IE 67658 B		April 17, 1996	N/A
000	D04H	003/16	
EP 446822 B2		June 16, 1999	G
000	D04H	003/16	

DESIGNATED-STATES: AT BE CH DE ES FR GB GR IT LI LU NL SE

AT BE CH DE DK FR GB  
GR LI LU NL SE AT BE CH DE DK FR GB GR LI LU NL SE

CITED-DOCUMENTS: EP 176847; EP 242524 ; EP 359165 ; EP  
42150 ; EP 49732

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
EP 446822A	N/A	
1991EP-0103645	March 9, 1991	
JP 3096311B2	N/A	
1991JP-0049354	March 14, 1991	
JP 3096311B2	Previous Publ.	JP 4214474
N/A		
DE 4008043A	N/A	
1990DE-4008043	March 14, 1990	
US 5130178A	N/A	
1991US-0667888	March 12, 1991	
JP 04214474A	N/A	
1991JP-0049354	March 14, 1991	
PT 97025A	N/A	
1991PT-0097025	March 13, 1991	
EP 446822B1	N/A	
1991EP-0103645	March 9, 1991	
DE 59105638G	N/A	
1991DE-0505638	March 9, 1991	
DE 59105638G	N/A	
1991EP-0103645	March 9, 1991	
DE 59105638G	Based on	EP 446822
N/A		
IE 67658B	N/A	
1991IE-0000844	March 13, 1991	
EP 446822B2	N/A	
1991EP-0103645	March 9, 1991	

INT-CL (IPC): B32B011/02, D04H001/56 , D04H003/14 ,  
D04H003/16 ,  
D06N005/00 , D06N007/00 , E04D005/02 , E04D013/16

ABSTRACTED-PUB-NO: EP 446822A

BASIC-ABSTRACT:

The carrier web for a roof lining, as a spun bonded  
non-woven of polyester and  
pref. polyethylene terephthalate filaments, has a weight of

50-100 g/m<sup>2</sup> with  
filaments of 1-8 dtex. They are held together by a melting  
bonding agent.

The pref. fabric weight is 70-90 g/m<sup>2</sup> with pref. filaments  
of 2-5 dtex. The  
bonding agent is a polymer with a m.pt. 10 deg.C lower than  
the filaments of  
the non-woven and pref. 30 deg.C lower. The bonding agent  
is of polyesters and  
pref. polybutylene terephthalate or modified polyesters  
with a lowered m.pt.  
pref. modified polyethylene terephthalate.

ADVANTAGE - The material has a high strength, partic.  
against shearing, giving  
good dimensional stability even at high working temps.

ABSTRACTED-PUB-NO: EP 446822B

#### EQUIVALENT-ABSTRACTS:

The carrier web for a roof lining, as a spun bonded  
non-woven of polyester and  
pref. polyethylene terephthalate filaments, has a weight of  
50-100 g/m<sup>2</sup> with  
filaments of 1-8 dtex. They are held together by a melting  
bonding agent.

The pref. fabric weight is 70-90 g/m<sup>2</sup> with pref. filaments  
of 2-5 dtex. The  
bonding agent is a polymer with a m.pt. 10 deg.C lower than  
the filaments of  
the non-woven and pref. 30 deg.C lower. The bonding agent  
is of polyesters and  
pref. polybutylene terephthalate or modified polyesters  
with a lowered m.pt.  
pref. modified polyethylene terephthalate.

ADVANTAGE - The material has a high strength, partic.  
against shearing, giving  
good dimensional stability even at high working temps.

US 5130178A

A support web for roofing membranes comprising a spin  
bonded web of  
polyethylene terephthalate filaments is new. The

spun-bonded web has a basic  
wt. of 50-100 g/m2 (pref. 70-90 g/m2) coupled with a  
filament denier of 1-8  
dtex (pref. 2-5 dtex). It is consolidated with a fusible  
binder (pref. having  
a m.pt. lower than that of P.E.T filaments) in the form of  
binder filaments.

USE/ADVANTAGE - The support web has a high tear propagation  
resistance and nail  
pullout strength and also good dimensional stability at  
high temps. It is esp.  
useful for bitumerised roofing membranes.

CHOSEN-DRAWING: Dwg.0/5 Dwg.0/0

TITLE-TERMS: ROOF LINING MATERIAL SPIN BOND NONWOVEN  
POLYESTER FILAMENT FUSE  
BOND AGENT

DERWENT-CLASS: A23 A94 F04 P73 Q45

CPI-CODES: A03-C03; A05-E04E; A12-R05; A12-S05G; F02-C01;  
F02-C02B1; F04-B02;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0016 0231 1291 3178 1319 1323 1462 1983 1990  
2371 2413 2416 2434  
2486 2488 2528 2604 2629 2633 2646 2654 2667 2682 2696 2723  
2726 2820  
Multipunch Codes: 014 04- 143 144 151 155 163 166 169 170  
171 173 231 251 32&  
387 428 430 431 440 443 446 477 481 483 541 542 551 567 571  
575 581 596 604 608  
609 613 616 664 665

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1991-119357